

## 3 Tenets

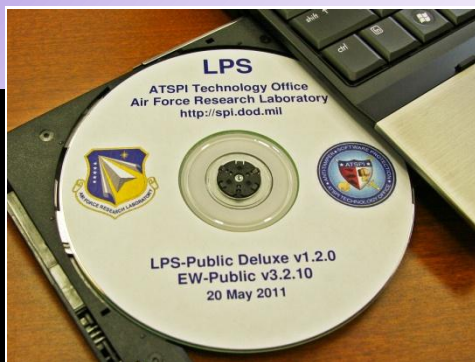
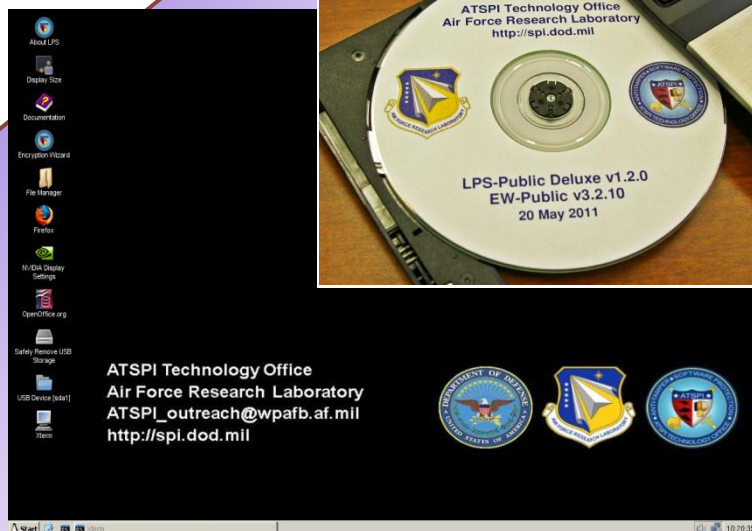
Focus on  
What's  
Critical

Move it  
Out-of-  
Band

Detect, React  
Adapt

# Lightweight Portable Security (LPS)

LPS-Public Edition



## Secure Web Client

- Safer Internet browsing
- Use web applications
- Boots from CD, installs nothing
- Avoids persistent malware
- Nothing saved to your local hard drive
- Smart card middleware built-in
- Works on most computers
- Easily use home computers as "Virtual GFE"

## Your Challenges

- Safely browsing the Internet from untrusted PCs (home computers, hotel business center PCs, kiosks, etc.)
- Accessing websites that require smart cards without having to install additional software
- Browsing the Internet without leaving traces of sensitive data, browser history, or financial transactions
- Keeping personal data segregated from corporate data
- Avoiding software keyloggers and persistent malware
- Providing continuity of operations (COOP) in emergencies
- Using your PC on the road if it breaks or is locked out
- Traveling without having to bring along multiple computers

## The Secure Solution

Lightweight Portable Security (LPS) creates a pristine, trusted end-node within the fast, volatile memory of an unmanaged PC. LPS boots a small operating system from a CD-ROM without mounting the hard drive, thus bypassing malware while leaving no trace of user activity.

LPS-Public includes a Linux operating system, Firefox web browser with Java, Flash, and middleware to use smart cards like the DoD's Common Access Card (CAC) and the US Government's Personal Identity Verification (PIV) card, SPI's Encryption Wizard, PDF viewer, file browser, text editor, image viewer, Remote Desktop Software (Citrix, Microsoft, or VMware), SSH client, and the ability to use USB drives (memory sticks or hard drives).

## LPS Editions

**LPS-Public** is our original flagship product. It is designed to allow productive use of the Internet including public-facing CAC- or PIV-enabled Government websites from home or while traveling.

**LPS-Public Deluxe** adds OpenOffice software, which is a Microsoft Office-compatible suite of desktop applications, and Adobe Reader, for digitally signing PDF forms.

**LPS-Remote Access** is designed to allow Government Agencies to connect directly to enterprise networks and use internal network resources. Available only by request, each version is customized for a particular customer to include VPN, thin client, and other required software. Accredited. Approved DoD-wide for COOP.

## Free Download

Get the LPS-Public ISO disc image at [spi.dod.mil](http://spi.dod.mil)

## System Requirements for LPS-Public

- x86 computer (PC or Mac), bootable CD-ROM drive
- Public edition: 512 MB RAM
- Deluxe edition: 1 GB RAM
- For CAC/PIV use: a CCID-compliant USB smart card reader. Some internal readers supported.
- For Internet access: a wired Ethernet port, a wireless (WiFi) device, or a cellular broadband device. iPhone tethering supported. Dialup not supported.



**ATSPI Technology Office.** Protecting DoD intellectual property in the cyber domain.  
Learn more at [spi.dod.mil](http://spi.dod.mil). Contact us at [ATSPI\\_outreach@wpafb.af.mil](mailto:ATSPI_outreach@wpafb.af.mil).